

ABSTRACT

When the genetic analysis is performed by using a DNA microarray, the inspection accuracy is improved. A sample solution is supplied onto a base plate 10 to prepare the DNA microarray 20 comprising a large number of spots 80 based on the sample solution arranged on the base plate 10. In the microarray 20, the planar configuration of the spot 80 is substantially circular, and a plurality of spots having different spot sizes are formed on the base plate.